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- SHEET NO. 8 STANDARD DETAILS
- SHEET NO. - DRAINAGE STRUCTURES
- SHEET NO. - CROSS SECTIONS

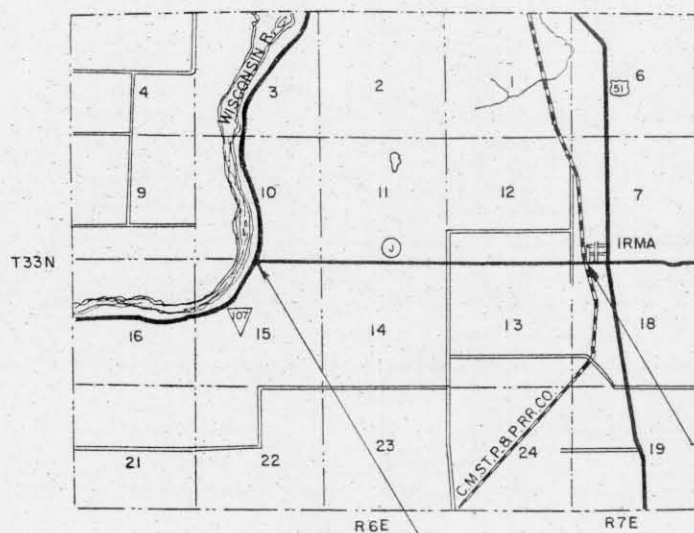


STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED
S.T.H. 107-IRMA ROAD
C.T.H. "J"
LINCOLN COUNTY
PROJECT S0570(9)

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		S.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
35.6	570.0	11	9	4 WIS.	1	8

PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



END OF PROJ. S 0570(9) = END OF PROJ. S 0570(6) - 1960
STA. 149+98
489.5' E OF SEC. COR.
SEC. 12, 13 T 33N R 6E
AND SEC. 7, 16, T 33N, R 7E.

BEGIN PROJ. S 0570(9) = BEGINNING OF PROJ. S 0570(6) - 1960
STA. 10+15
150' W. OF THE S. 1/4 COR. OF
SEC. 10, T 33N, R 6E.

LAYOUT
SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 2.648 MI.

CONVENTIONAL SIGNS

- | | | | |
|---------------------------|-------|-------------------------------|------------------|
| STATE LINE | ----- | CULVERTS IN PLACE | ----- |
| COUNTY LINE | ----- | CULVERTS REQUIRED | ----- |
| TOWNSHIP OR RANGE LINE | ----- | DROP INLET | ----- |
| SECTION LINE | ----- | POWER POLE | ----- |
| NEW RIGHT OF WAY LINE | ----- | TELEPHONE OR TELEGRAPH POLE | ----- |
| PRESENT RIGHT OF WAY LINE | ----- | RIGHT OF WAY MARKERS | ----- |
| WIRE FENCE | ----- | REFERENCE STAKE FOR HUBS ONLY | ----- |
| WOVEN | ----- | MARSH | ----- |
| BARBED | ----- | HEDGE | ----- |
| LOT LINE | ----- | TREES | ----- |
| CORPORATE OR CITY LIMITS | ----- | GROUND ELEVATION | DATUM LINE 73.9 |
| PROPERTY LINE | ----- | GRADE ELEVATION | DATUM LINE 75.16 |
| TRAVELED WAY OR P.E. | ----- | | |
| RAILROADS | ----- | | |
| BASE OR SURVEY LINE | ----- | | |

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR: J.B. NOTE BOOK: I.B.M.
DIVISION COMPUTER: J.B. M. O. CHECKER: R.L.C.
DISTRICT CHECKER: H.G. CORRECT

CORRECT:
DATE: 4/27/61 Max Smith DISTRICT ENGINEER

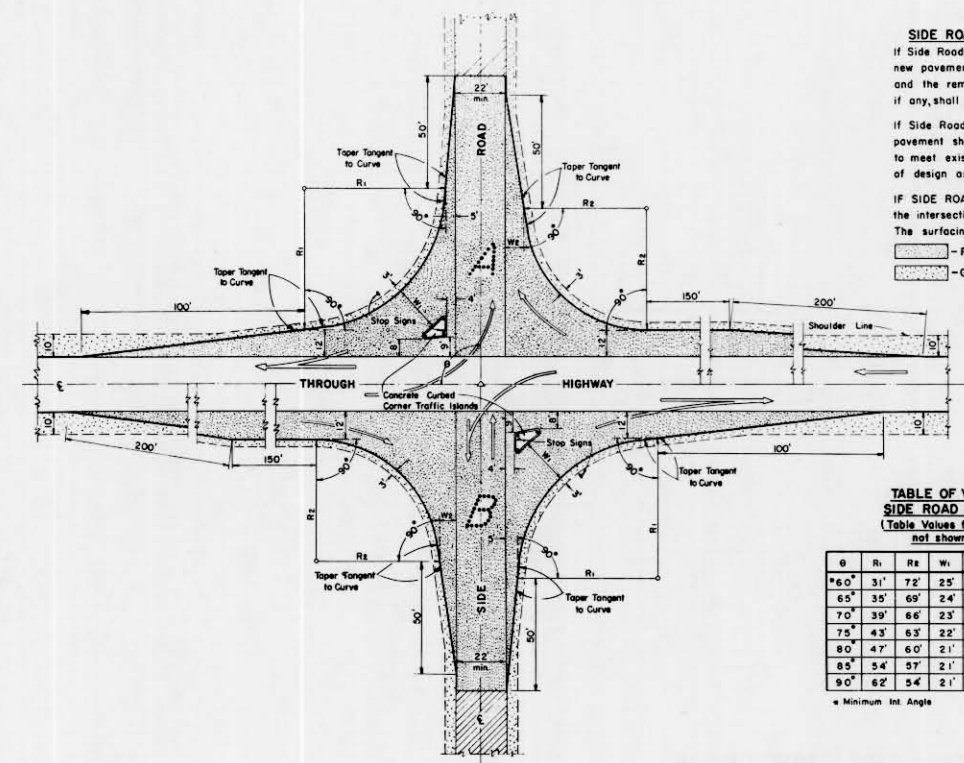
RECOMMENDED FOR APPROVAL:
DATE: 5/4/61 J.D. [Signature] ENGINEER OF DESIGN

APPROVED:
DATE: 5/9/61 E.L. [Signature] STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: [Signature] DATE: [] DIVISION ENGINEER

S 0570(9)



SIDE ROAD SURFACING NOTE
 If Side Road is not presently surfaced, new pavement shall be placed as shown, and the remainder to construction limits, if any, shall be gravel or crushed stone surfaced.
 If Side Road is presently paved, new pavement shall be placed only as necessary to meet existing pavement, and to limits of design as shown.
 IF SIDE ROAD IS THE CONSTRUCTION PROJECT, the intersection geometrics remain as shown. The surfacing shall be as for the project.
 — Pavement
 — Gravel or Crushed Stone

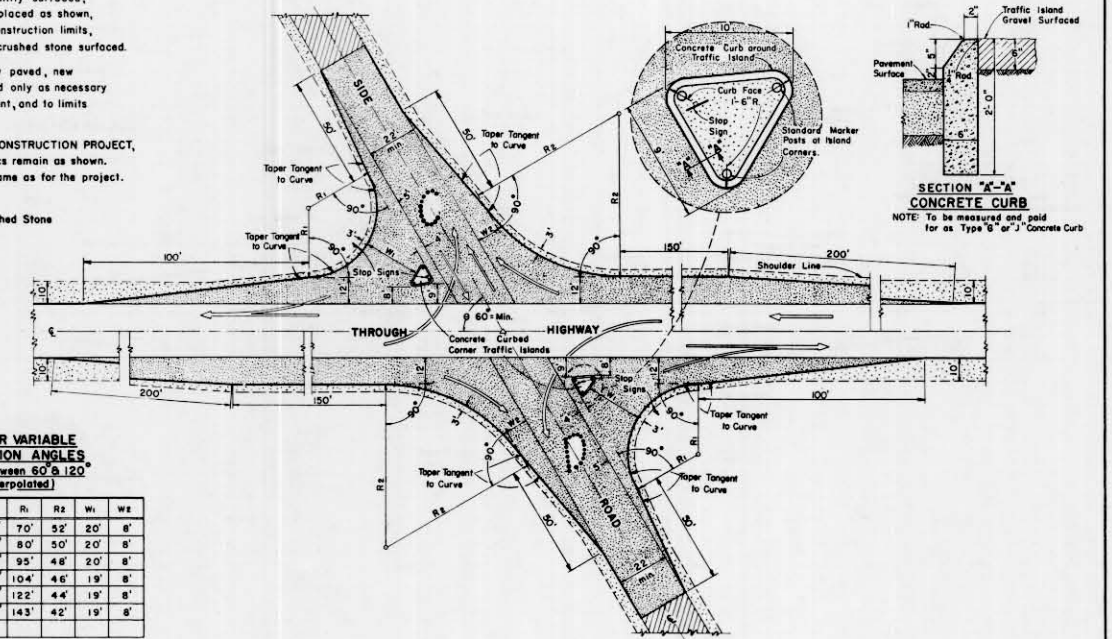


TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES
 (Table Values for Angles between 60° & 120° not shown shall be interpolated)

θ	R ₁	R ₂	W ₁	W ₂	θ	R ₁	R ₂	W ₁	W ₂
60°	31'	72'	25'	10'	95°	70'	52'	20'	8'
65°	35'	69'	24'	9'	100°	80'	50'	20'	8'
70°	39'	66'	23'	8'	105°	95'	46'	20'	8'
75°	43'	63'	22'	8'	110°	104'	46'	19'	8'
80°	47'	60'	21'	8'	115°	122'	44'	19'	8'
85°	54'	57'	21'	8'	120°	143'	42'	19'	8'
90°	62'	54'	21'	8'					

• Minimum Int. Angle •• Maximum Int. Angle

MAJOR SIDE ROAD INTERSECTION DESIGN DETAILS
 To be used only when current ADT on Through Highway is 1500 or over, and on Side Road is Over 200

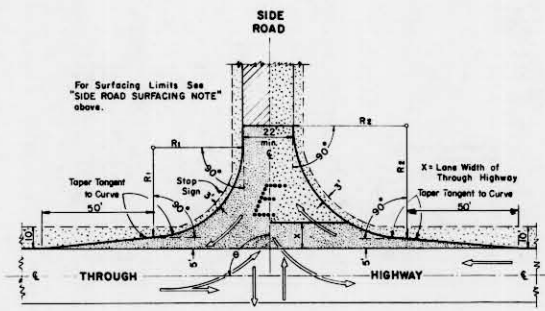


TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES
 (Table Values for Angles between 60° & 120° not shown shall be interpolated)

θ	R ₁	R ₂
60°	4'0"	5'0"
65°	4'0"	5'0"
70°	4'0"	5'0"
75°	4'0"	5'0"
80°	4'0"	5'0"
85°	4'0"	5'0"
90°	4'0"	5'0"

• Minimum Int. Angle •• Maximum Int. Angle

MINOR SIDE ROAD INTERSECTION DESIGN DETAILS
 To be used when current ADT on Through Highway is Less than 1500 or on Side Road is Less than 200

GENERAL NOTES
 Designs "A", "B", "C", "D", or "E" may be used interchangeably in combination or separately for any one complete intersection depending upon Traffic Volume, intersection angle and Surfacing of each approach roadway.

Details on this drawing are for Minimum Design Only, and not applicable to Special Conditions, as shown elsewhere on the plans.

DESIGN & LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS (RURAL IN CHARACTER)

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL
 DATE: 1/17/58
 APPROVED: [Signature]
 DATE: 1/17/58
 STATE HIGHWAY ENGINEER

PLATE NO. 9-11.3

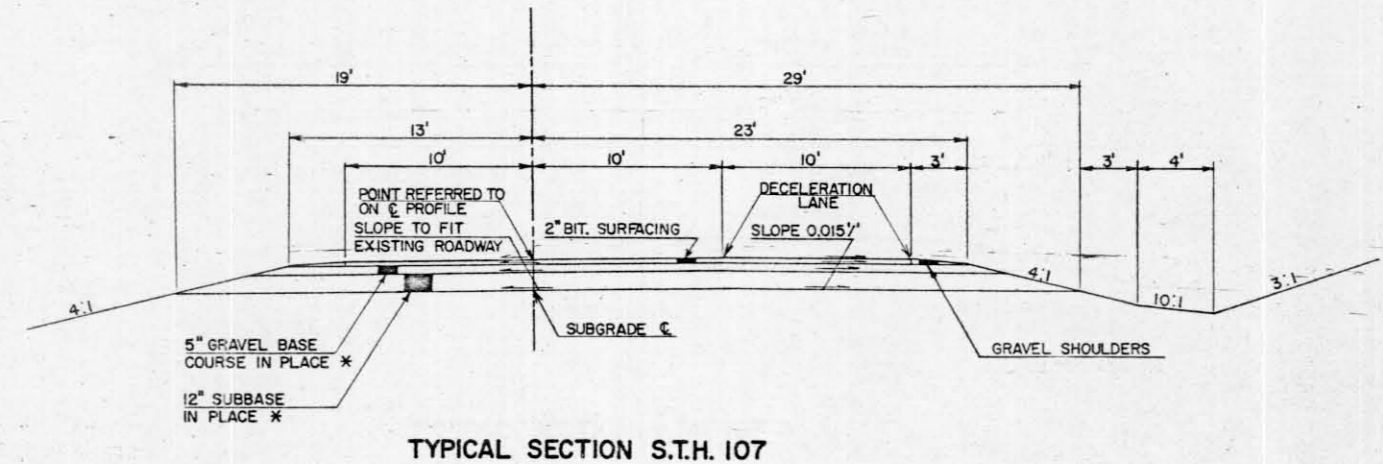
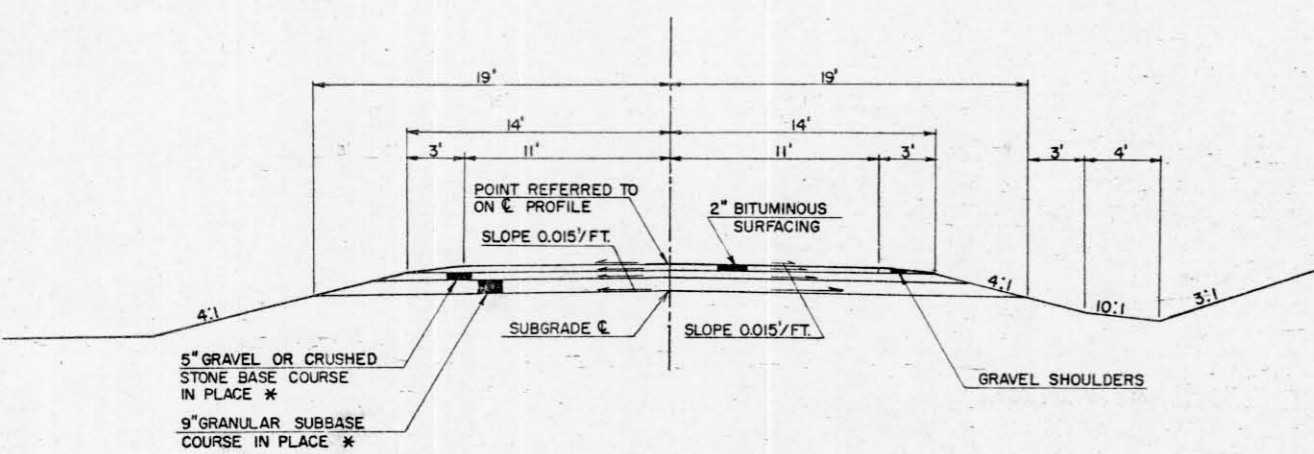
ESTIMATE OF QUANTITIES

CONTRACT NO. 1

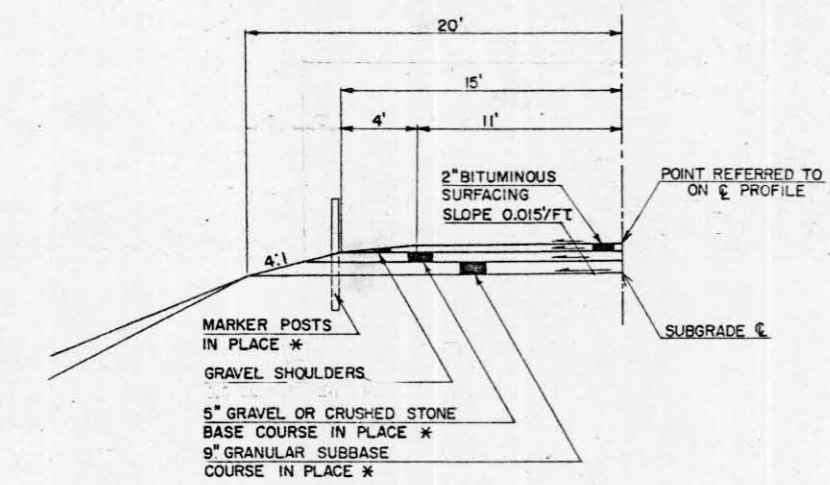
PROJECT	SHEET NUMBER	TOTAL SHEETS
S 0570(9)	2	8

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1957
APPROVED AUGUST 9, 1957, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

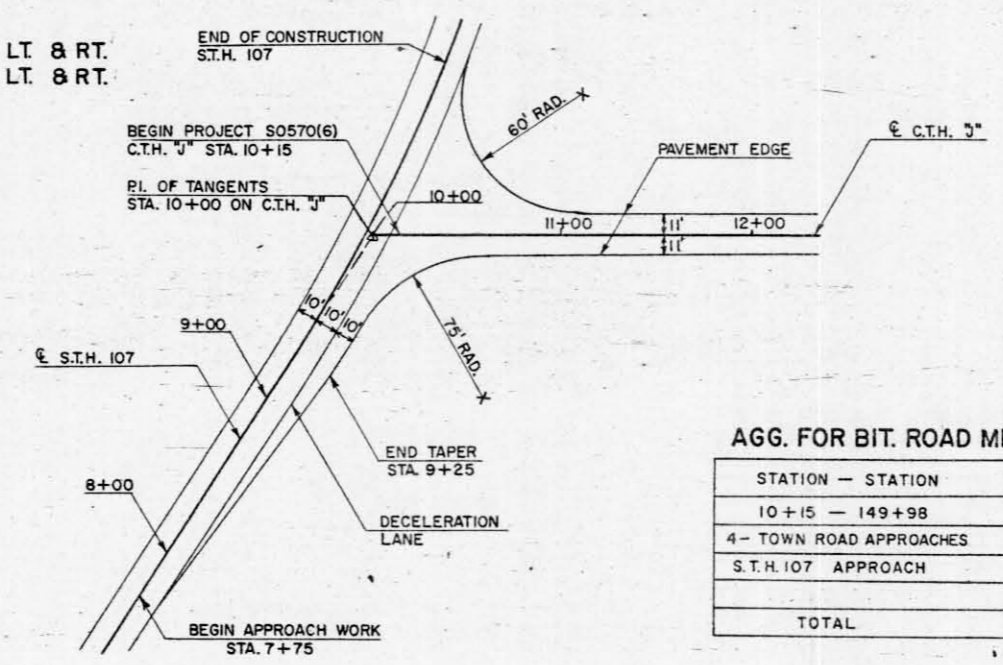
STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING		EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	TRAFFIC BOUND BASE COURSE	CULVERT PIPE				GUARD FENCE			MARKER POSTS FOR R/W	MARKER POSTS FOR R/W	BIT. ROAD MIX SURF.	AGG. FOR BIT. ROAD MIX SURF.	BIT. MAT. FOR SURF. CRSE.	TOPSOIL		FER-TILIZER	SEEDING
		2101-	2101-	210-	210-	210-					2110-1	2114-1	2116-1	2204-1	23	2512-1	2523-						2523-	2523-5		
UNIT	LIN. FT.			C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	CU.YD.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	EACH	SQ. YD.	CU. YD.	GAL.	SQ. YD.	SQ. YD.	CWT.	SQ. YD.
10+15 — 149+98	13,983									600										35,200	2,500	50,000				



10+15 — 22+00 LT. & RT. 85+00 — 107+00 LT. & RT.
 25+90 — 26+60 RT. 118+00 — 149+98 LT. & RT.
 26+60 — 81+00 LT. & RT.



22+00 — 25+90 LT. & RT.
 25+90 — 26+60 LT.
 81+00 — 85+00 LT. & RT.
 107+00 — 118+00 LT. & RT.



AGG. FOR BIT. ROAD MIX SURFACE

STATION — STATION	CU. YDS.
10+15 — 149+98	2410
4 — TOWN ROAD APPROACHES	20
S.T.H. 107 APPROACH	70
TOTAL	2500

APPLICABLE STANDARD DETAIL DRAWINGS
 9-1.1.3 DESIGN AND LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTION

GRAVEL FOR SHOULDERS

STATION — STATION	CU. YDS.
10+15 — 22+00	48
22+00 — 25+90	20
25+90 — 26+60	3
26+60 — 81+00	218
81+00 — 85+00	20
85+00 — 107+00	88
107+00 — 118+00	55
118+00 — 149+98	128
S.T.H. 107 APPR.	20
TOTAL	600

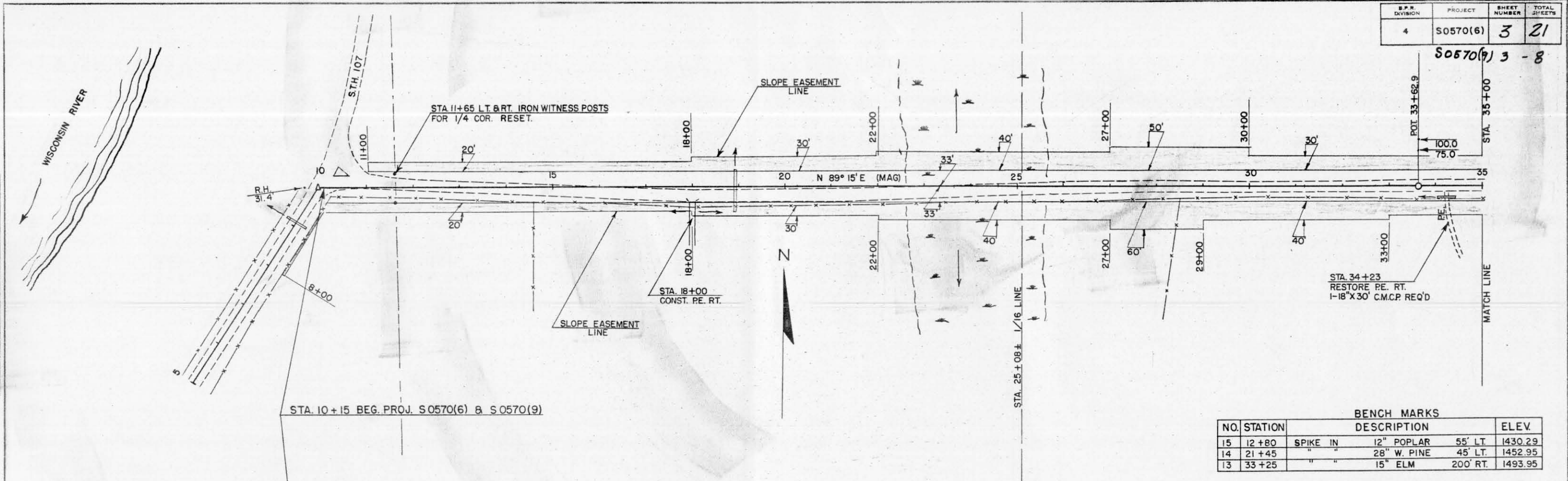
NOTE: WHEN THE QUANTITY OF THE ITEMS OF SUBBASE, BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL DIRECTED BY THE ENGINEER.
 SHEET 3-7 ARE INCLUDED TO SHOW PROFILE AND ALIGNMENT ONLY.
 OTHER INFORMATION NOT PERTINENT TO THIS PROJECT.
 * NOT A PART OF THIS PROJECT.

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0570(6)	3	21

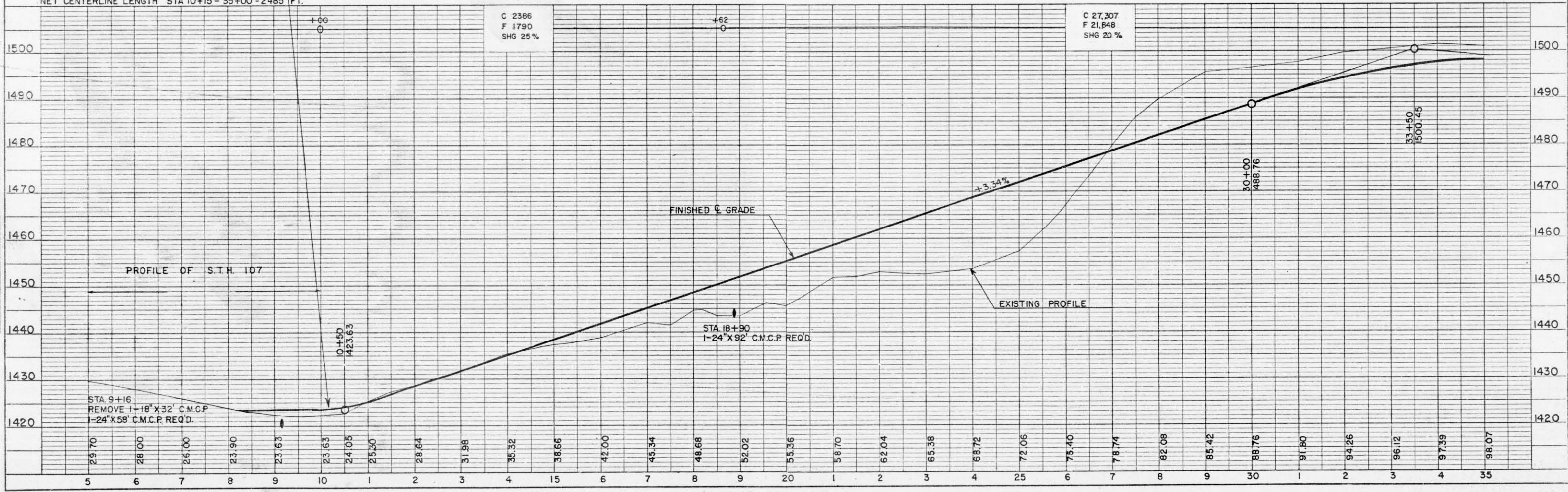
S0570(9) 3 - 8

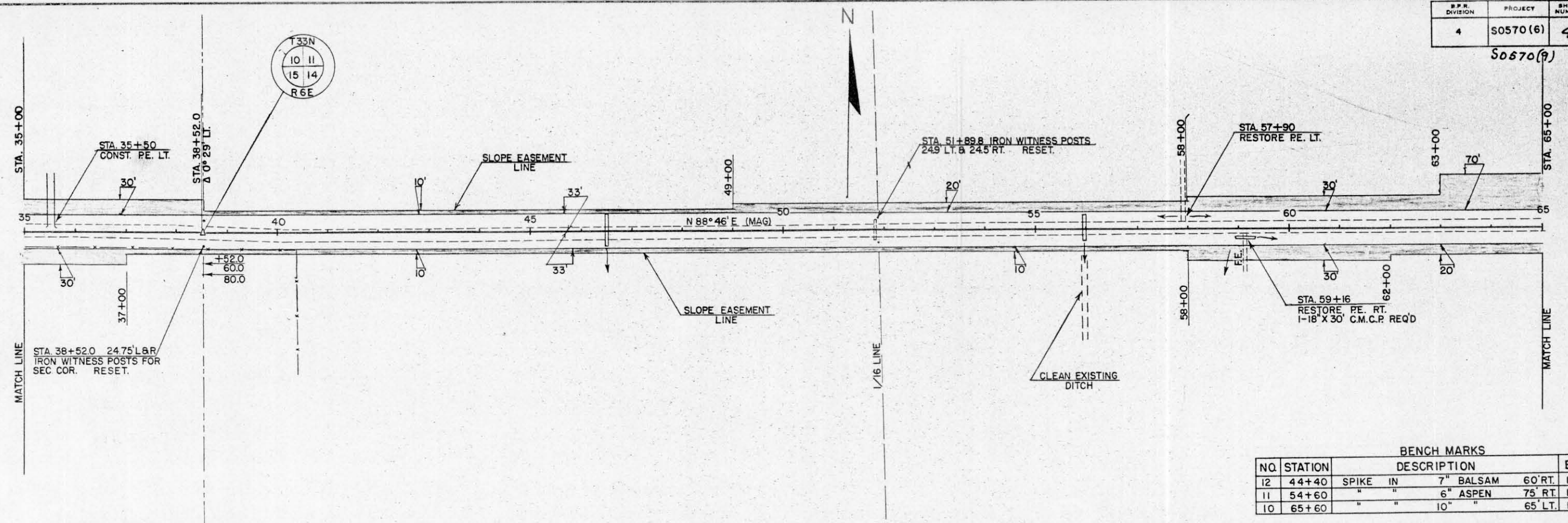
DATE 8-59
1-80
BY J. BERGACKER
P.J.H.
SURVEYED
ALIGNED CHECKED
RT. OF WAY CHECKED
PLAN
NOTE BOOK
NO. 64

DATE 8-59
1-80
BY J. BERGACKER
P.J.H.
SURVEYED
PROFILES CHECKED
B.M.'S NOTED
NO. I.B.M. STRUCTURE NOTATIONS CHECKED
PROFILE



BENCH MARKS				
NO.	STATION	DESCRIPTION		ELEV.
15	12+80	SPIKE IN	12" POPLAR	55' LT. 1430.29
14	21+45	" "	28" W. PINE	45' LT. 1452.95
13	33+25	" "	15" ELM	200' RT. 1493.95

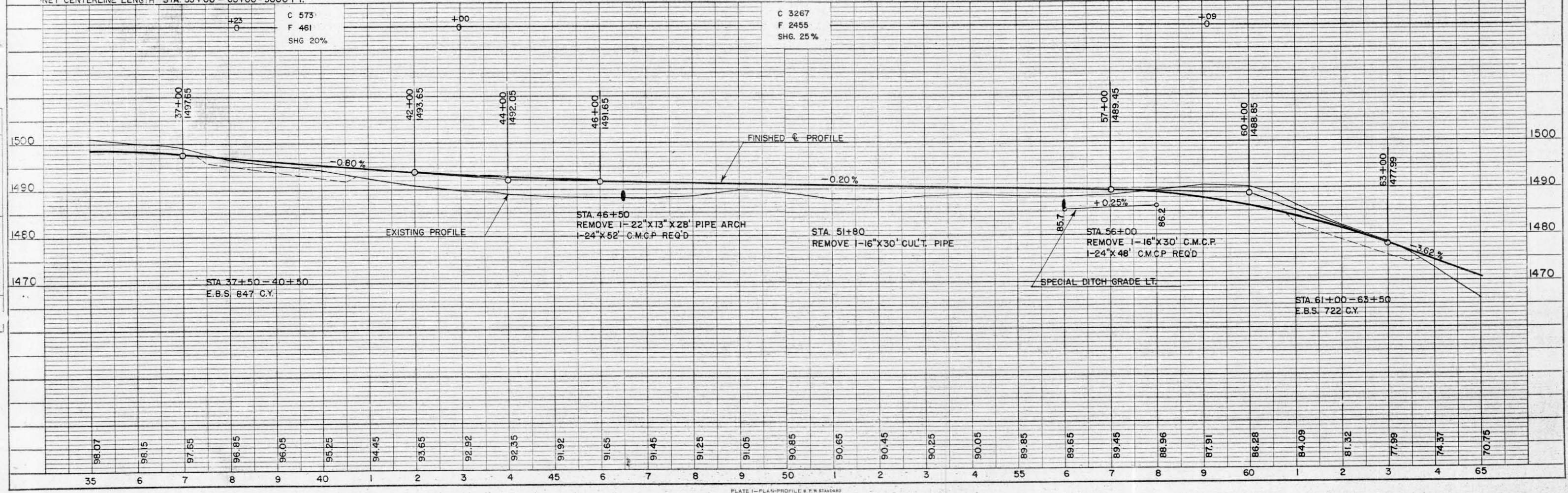




BENCH MARKS

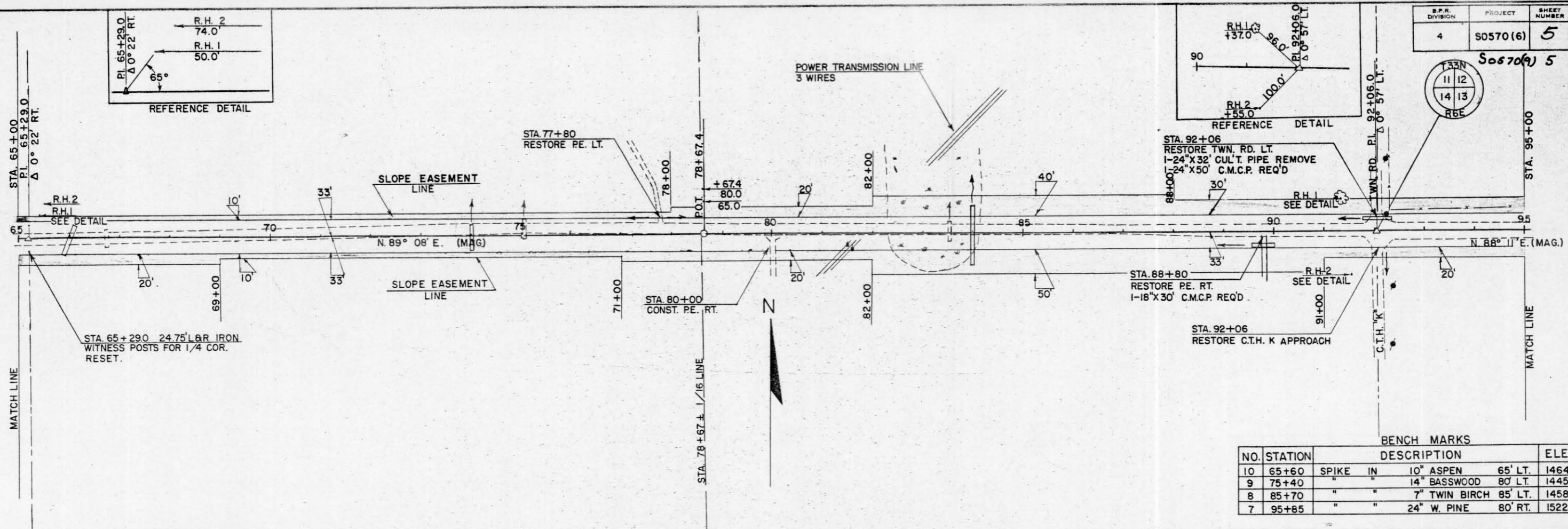
NO.	STATION	DESCRIPTION	ELEV.
12	44+40	SPIKE IN 7" BALSAM 60' RT.	1488.23
11	54+60	" " 6" ASPEN 75' RT.	1487.41
10	65+60	" " 10" " 65' LT.	1464.50

NET CENTERLINE LENGTH STA 35+00 - 65+00 = 3000 FT.



DATE: 5-59
 1-60
 1-60
 SURVEYED BY: J. BERGACKER
 PLOTTED BY: PETERS
 NOTE BOOK NO. 18M
 STRUCTURE NOTATION: CHD

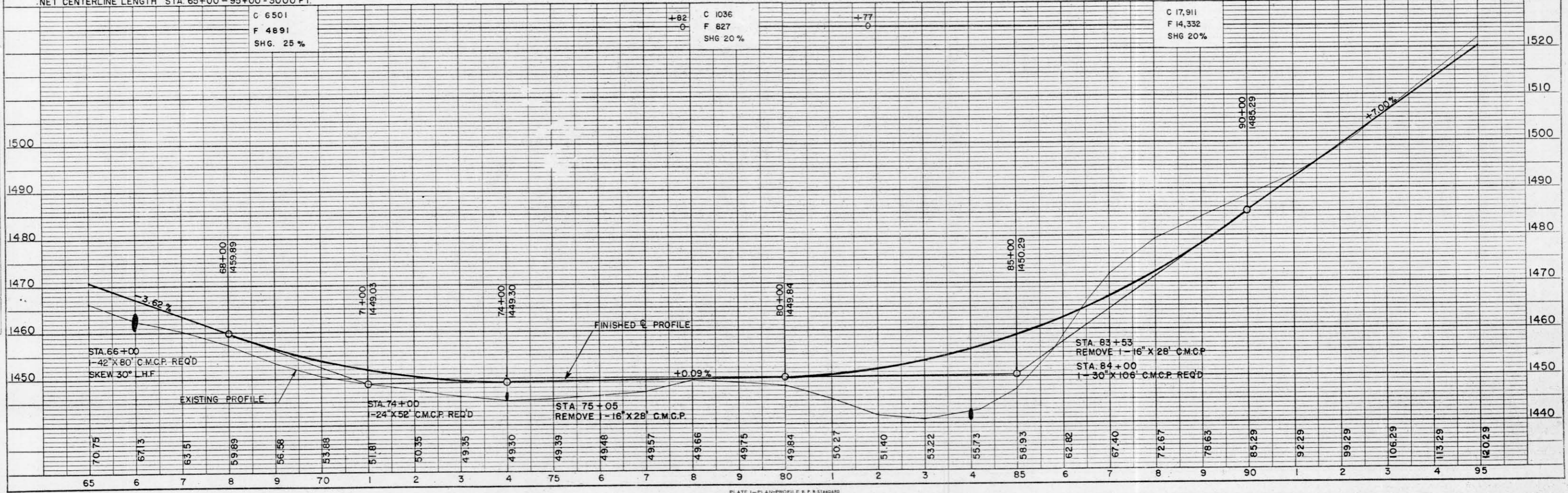
DATE: 5-59
 1-60
 1-60
 SURVEYED BY: J. BERGACKER
 PLOTTED BY: PETERS
 NOTE BOOK NO. 18M
 STRUCTURE NOTATION: CHD



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
10	65+60	SPIKE IN 10" ASPEN 65' LT.	1464.50
9	75+40	" " 14" BASSWOOD 80' LT.	1445.21
8	85+70	" " 7" TWIN BIRCH 85' LT.	1458.60
7	95+85	" " 24" W. PINE 80' RT.	1522.43

NET CENTERLINE LENGTH STA 65+00 - 95+00 = 3000 FT.



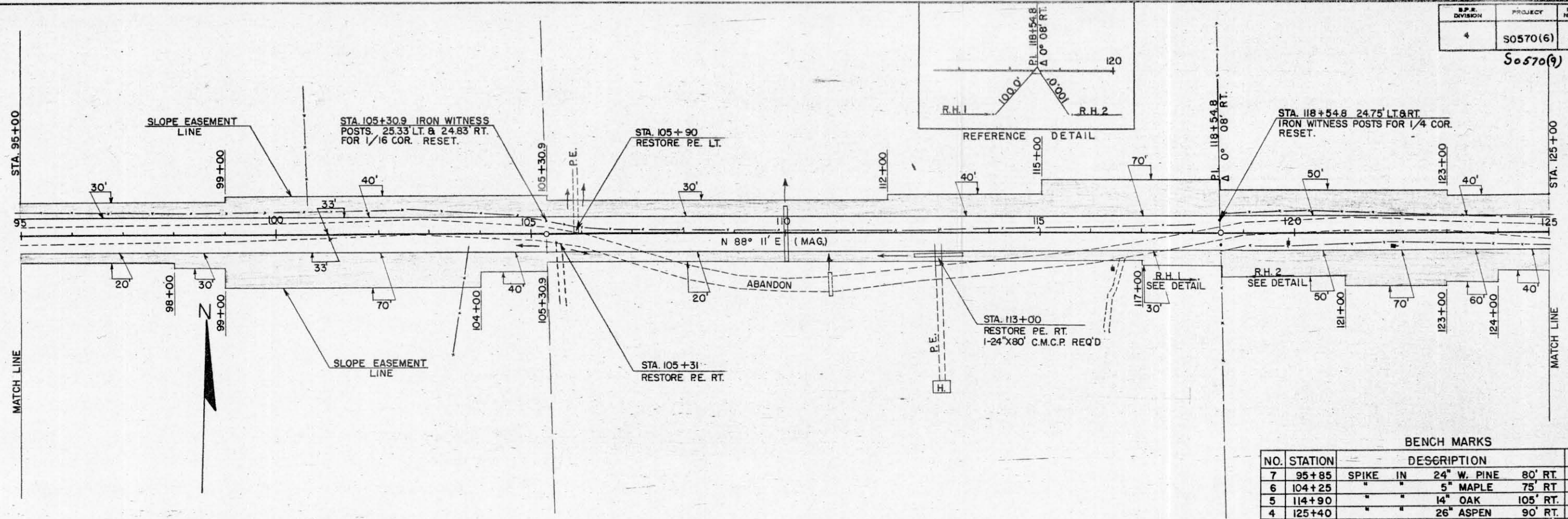
DATE: 5-20-60
 BY: J. BERGACKER, L. PETERS
 CHECKED: P.J.H.
 PLAN: NO. 1

DATE: 5-20-60
 BY: J. BERGACKER, L. PETERS
 CHECKED: P.J.H.
 PROFILE: NO. 1

S.P.E. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0570(6)	6	21

S0570(9) 6-8

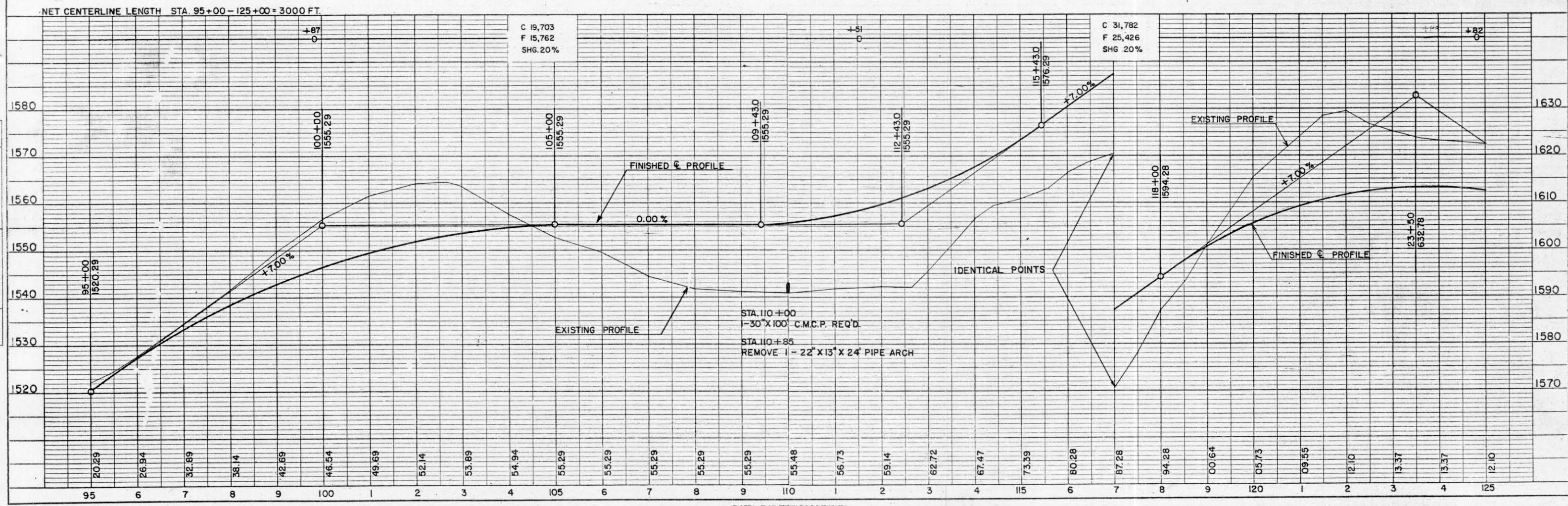
DATE 5-59
BY BERGACKER
P.L.H.
SURVEYED
CHECKED
NOTE BOOK NO.
PI. OF WAY CHECKED



BENCH MARKS

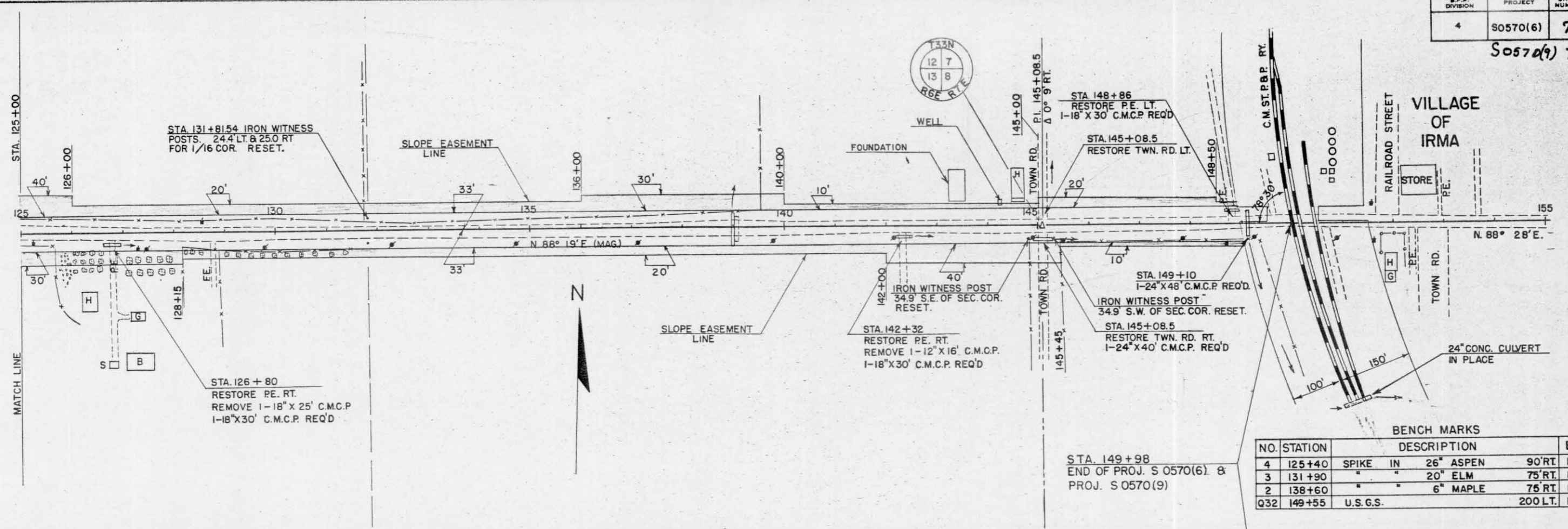
NO.	STATION	DESCRIPTION	ELEV.
7	95+85	SPIKE IN 24" W. PINE 80' RT.	1522.43
6	104+25	5" MAPLE 75' RT.	1556.35
5	114+90	14" OAK 105' RT.	1566.58
4	125+40	26" ASPEN 90' RT.	1621.07

DATE 5-59
BY BERGACKER
P.L.H.
SURVEYED
CHECKED
NOTE BOOK NO.
STRUCTURE NOTATIONS CTRD.



DATE 5-59
1-80
BY J. BERGACKER
P. J. H.
SURVEYED
PLOTTED
NOTE BOOK
NO. 111

DATE 5-59
1-80
BY J. BERGACKER
P. J. H.
SURVEYED
PLOTTED
NOTE BOOK
NO. 111



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
4	125+40	SPIKE IN 26" ASPEN	90' RT. 1621.07
3	131+90	" " 20" ELM	75' RT. 1572.65
2	138+60	" " 6" MAPLE	75' RT. 1533.90
Q32	149+55	U.S.G.S.	200' LT. 1507.78

